

14456-0462, United States. Received 06/24/1985.

PI 589080. *Malus domestica* Borkh.

Dermen Winesap 2-4-4. Pedigree - A type 1 chromosomal chimera of Winesap. Comments:: Fruit: size large, 85 mm; larger than Winesap; shape flat-ter than Winesap. Tree: Not highly productive. Type 1 chromosomal chimera of Winesap.

The following were donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589081. *Malus domestica* Borkh.

Sweet Alford. Pedigree - Unknown. Comments:: Cider type. Fruit: size 75 mm; skin 80% red, striped; shape round-conic; flesh firm, light yellow; flavor sweet; harvest season mid-October, 2 wks after Delicious. Tree: not highly productive; extremely susceptible to fire blight, fire blight susceptibility rating 3. English Cider. R.D. Way, 1993.

The following were developed by Iowa Agric. Expt. Station, Ames, Iowa, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589082. *Malus domestica* Borkh.

Secor. Pedigree - Salome x Jonathan; crossed 1906; introduced 1922. Comments:: Fruit: size large, 75-85 mm; skin 70-90% red, striped; shape round-oblate; flesh firm, light yellow; flavor subacid; eating quality fair; harvest season late October, 2 wks after Delicious. Tree: productive; annual cropping; fruits hang well after ripening. Large, red, late. R.D. Way, 1993.

The following were developed by A. Bryant. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589083. *Malus domestica* Borkh.

Salome. Collected in Unknown. Originated in Ottawa, Illinois. Pedigree - Unknown; originated in 1853. Comments:: Fruit: size large 75 mm; skin 40-80% red striped, some scarfskin, not very handsome; shape round-conic; flesh firm, light yellow; flavor slightly acid; eating quality less than fair; harvest season late, late October, 3 wks after Delicious. Tree: very productive; biennial cropping; fruits hanve well after ripe. Very late; not attractive. R.D. Way, 1993. (Received 1888).

The following were developed by Morton Arboretum, Lisle, Illinois, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589084. *Malus domestica* Borkh.

David. Pedigree - Unknown; named in 1957 by Arie F. denBoer, Des Moines Water Works, Des Moines, Iowa; named after his grandson. Comments:: Flowers: single, expanding buds pin, open white; 40 mm wide blooms in mid-season. Fruit: size very small, 15 mm; scarlet red; attractive. Foliage; medium green, 50-80 mm long; healthy; not glossy; foliage conceals flowers. Tree: rounded; compact; Lew Nichols' Penn State Research showed David to be disease free, except slight fire blight. (Different from *Malus domestica*).